[illegible], . .

"Three Worlds in our Sky" p. 5

"Under the Dome; [illegible] from the book The Great Dreams by Pierre Abbeelmans" p. 6

([illegible], Vol. 2, no. 2, October 1962, Teograd, Yugoslavia)

[illegible]: Monthly List of East European Acc ssions, LC, Vol. 3, no. 5, May 1964/Uncl.

[redacted]

[redacted]
(U.S. [redacted], Vol. [redacted], no. [redacted], Oct. [redacted], [redacted], Yugoslavia)

[redacted]: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May [redacted]/Uncl.

[illegible], T.

"Reconnaissance [illegible]" p. 5

"From behind the Iron Curtain" p. 5

"Digest of Soviet Books; an excerpt from the book The Soviet Pilot by I. Kosc,jr" p. 5

([illegible] V.2, Vol. 2, no. 23, Nov. 19[illegible], Confrad, Fayetteville)

DC: Monthly List of East European Accessions, LC, V.1. 2, no. 5, May 19[illegible]/Incl.

"[illegible]"

"[illegible]"

"[illegible]"

(SR [illegible], Vol. 3, no. 31, Jan. 1953, Beograd, Yugoslavia)

Enc: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1953/Encl.

[redacted], L.

"Cancers in the [redacted]" [redacted]. 2
([redacted], Vol. 3, no. 32, Jan. 1963, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1964/Uncl.

[illegible], D.

"From the Brandenburg to the jet plane; 30 years of work by the Ikarus Plant." p. 4.
(Aero Svet. Vol. 3, no. 39, May 1953. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

"Smaller aeroclubs should combine." p. 3. (Aero Svet. Vol. 3, no. 41, June 1953. Beograd)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954. Uncl.

[illegible]

"[illegible]" p. 5

"[illegible]" p. 6

([illegible], Vol. 3, no. 11, Aug. 1973, No m.i, Yugoslavia)

[illegible]: [illegible], LD, Vol. 3, no. 3, May 1974/Encl.

RADOSAVLJEVIC, D.

"When wings set sail." p. 5. (Aero Svet. Vol. 3, no. 48, Sept. 1953. Beograd.)
"Statement by Neville Duke, british test pilot." p. 6.
"The Rhine." p. 7.

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954. Uncl.

"Talks with pilot-teachers; experiences." p. 5.
"A rare bird." p. 5. (Aero Svet. Vol. 3, no. 49, Oct. 1953. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954. Uncl.

[illegible]

"Ukrainian [illegible] in print; from Kiev through 31 March" [illegible]
([illegible], Vol. 3, no. 13, Dec. 1953, Detroit, Michigan)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

"Report on the life of reserve pilots during training." (p. 4)

SO: East European Accessions List, Vol 3, No 8, Aug 1954

RAKOSAVLJEVIC, T.

"At 11,000 meters with the T-33 jet plane." (p. 5)
"One episode and the door is closed"; a fragment from the book The Great Circus by Pierre Klostermann. (p. 6) Vol. 3, no. 47, Sept. 1953.
"North Am. F-86 Saber; the first sweepback jet fighter used in war. (p.7)
SO: East European Accessions List, Vol 3, No 8, Aug 1954

RADOSAVLJEVIC, Lj.B.

On the bending moment of the ship in a seaway. Bul sc Youg 8 no.3/4:78 Je-Ag'63.

1. Masinski fakultet, Beograd.

RADOSAVLJEVIĆ, M. S.

6
9
8

759. Colorimetric determination of catechol. S. D. Radosavljević, M. S. Jaćović and M. D. Dragojević [Chem. Tech. Inst., Belgrade]. *Bull. Soc. Chim., Belgrade*, 1955, 20, 203–208.—A procedure is described for the quant. colorimetric determination of catechol in which the colour reaction of catechol in alkaline solution with $FeCl_3$ is used. The reaction may be applied to the determination of catechol in condensation products with methylchlorosilanes.
N. E.

pm 8d

RADOSAVLJEVIC, R.

"Medical examinations in the Yugoslav Aeronautic Federation." p. 2. (Aero Svet. Vol. 3, no. 49, Oct. 1953. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954. Uncl.

RADOSAVLJEVIC, R.

"Arbiters instead of commissars." p. 3. (Aero Svet. Vol. 3, no. 49, Oct. 1953. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954. Uncl.

RADOSAVLJEVIC, Radoslav

The 13th extraordinary assembly of ICAO. Medun transp 7 no.8:783-785 Ag '61.

RADOSAVLJEVIC, R.

Difficulties in air transportation. Medun transp 7 no.11:1054-1055 N '61.

(Aeronautics, Commercial)

RADOSAVLJEVIC, R.

The new international airport inaugurated in Belgrade. Medun transp 8 no.4:279-281 Ap '62.

RADOSAVLJEVIC, Radoslav

Consequences of the introduction of supersonic aircrafts in commercial aeronautics. Medun transp 8 no.8:570-571 Ag '62.

1. Clan Redakcionog odbora, "Medunarodni promet".

RADOSAVLJEVIC, R.

The 14th General Assembly of the International Civil Aviation Organization. Medun transp 8 no.10:730-732 O '62.

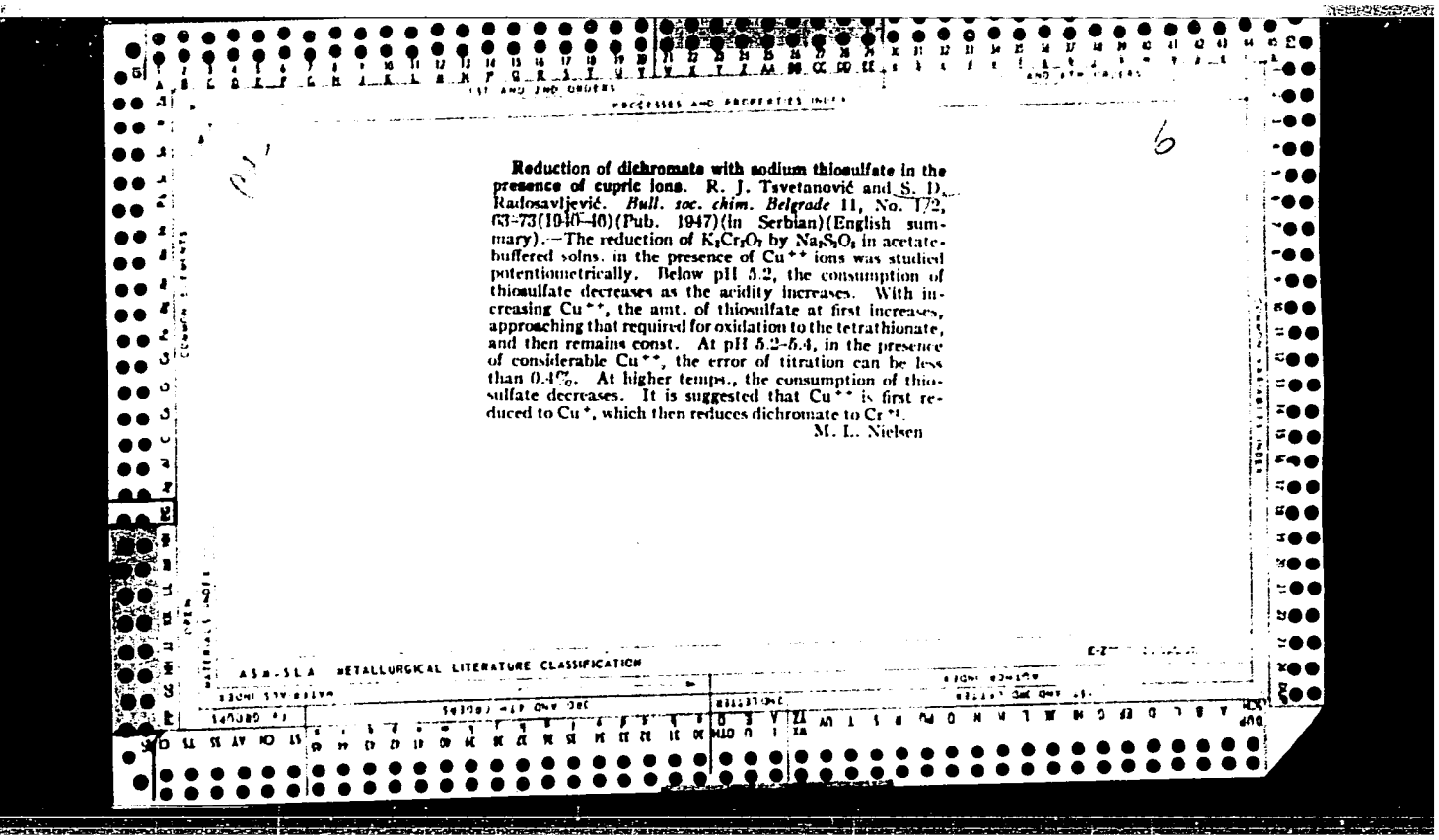
RADOSAVLJEVIC, R.

New tariffs and rates in air traffic and transport. Medun transp 8 no.12:890-891 D '62.

RADOSAVLJEVIC, Radoslav

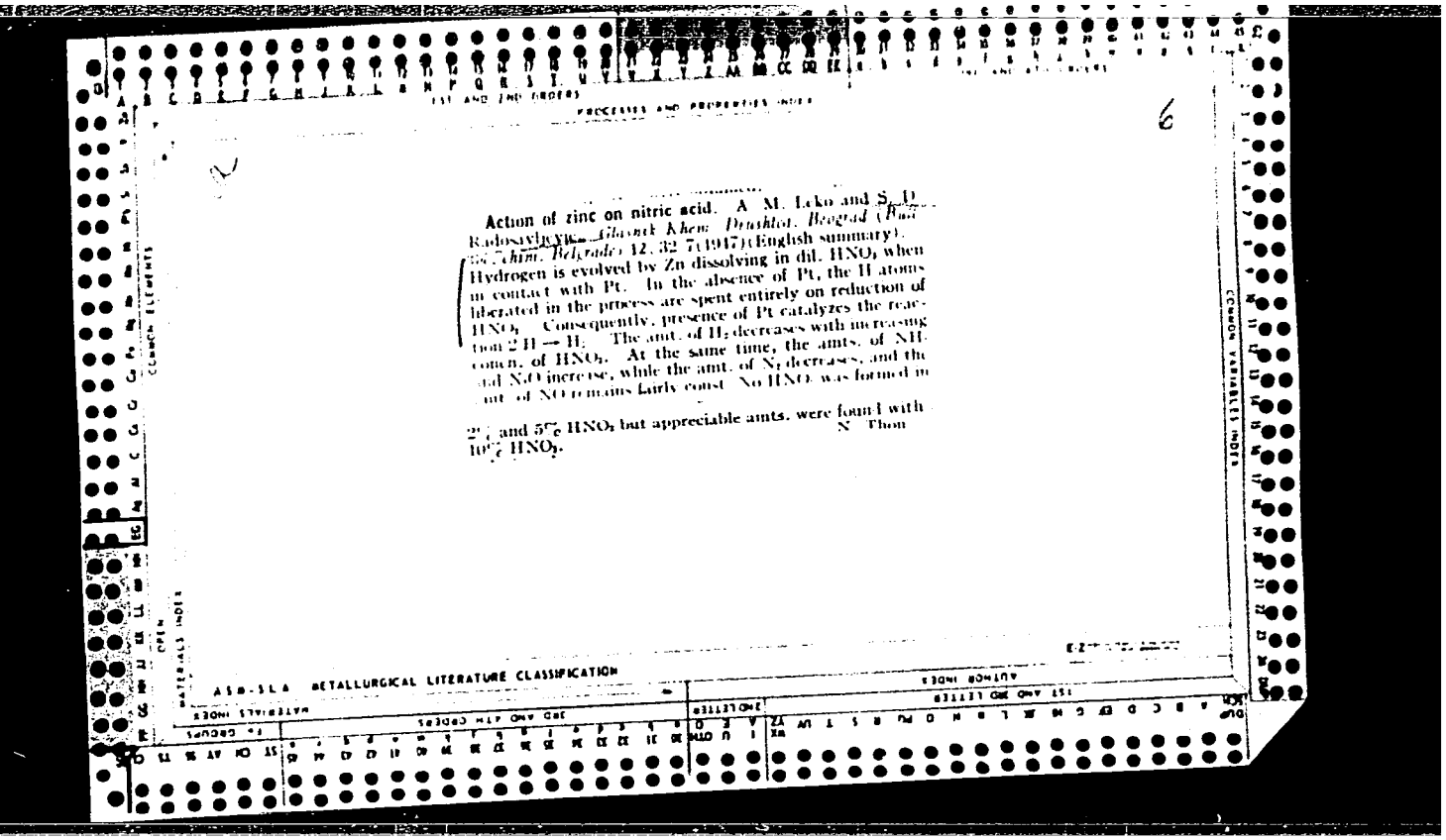
Tickets of foreign air lines for dinars. Medun transp 9 no.4: 262-263 Ap '63.

1. Clan Redakcionog odbora, "Medunarodni transport."

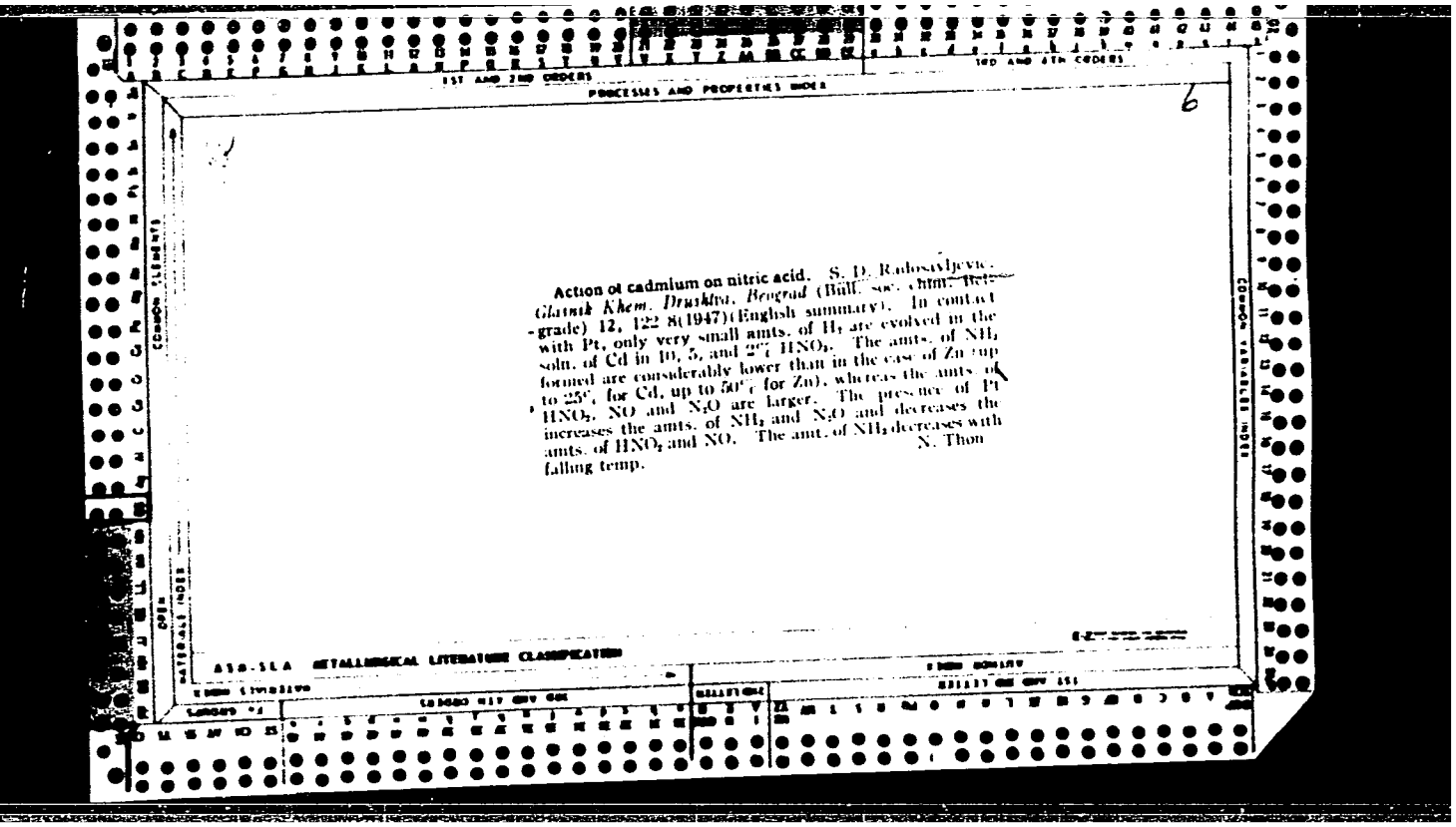


Reduction of dichromate with sodium thiosulfate in the presence of cupric ions. R. J. Tsvetanović and S. D. Radosavljević. *Bull. soc. chim. Belgrade* 11, No. 1/2, 63–73(1940–46)(Pub. 1947)(in Serbian)(English summary).—The reduction of $K_2Cr_2O_7$ by $Na_2S_2O_3$ in acetate-buffered solns. in the presence of Cu^{++} ions was studied potentiometrically. Below pH 5.2, the consumption of thiosulfate decreases as the acidity increases. With increasing Cu^{++}, the amt. of thiosulfate at first increases, approaching that required for oxidation to the tetrathionate, and then remains const. At pH 5.2–5.4, in the presence of considerable Cu^{++}, the error of titration can be less than 0.4%. At higher temps., the consumption of thiosulfate decreases. It is suggested that Cu^{++} is first reduced to Cu^{+}, which then reduces dichromate to Cr^{+3}.

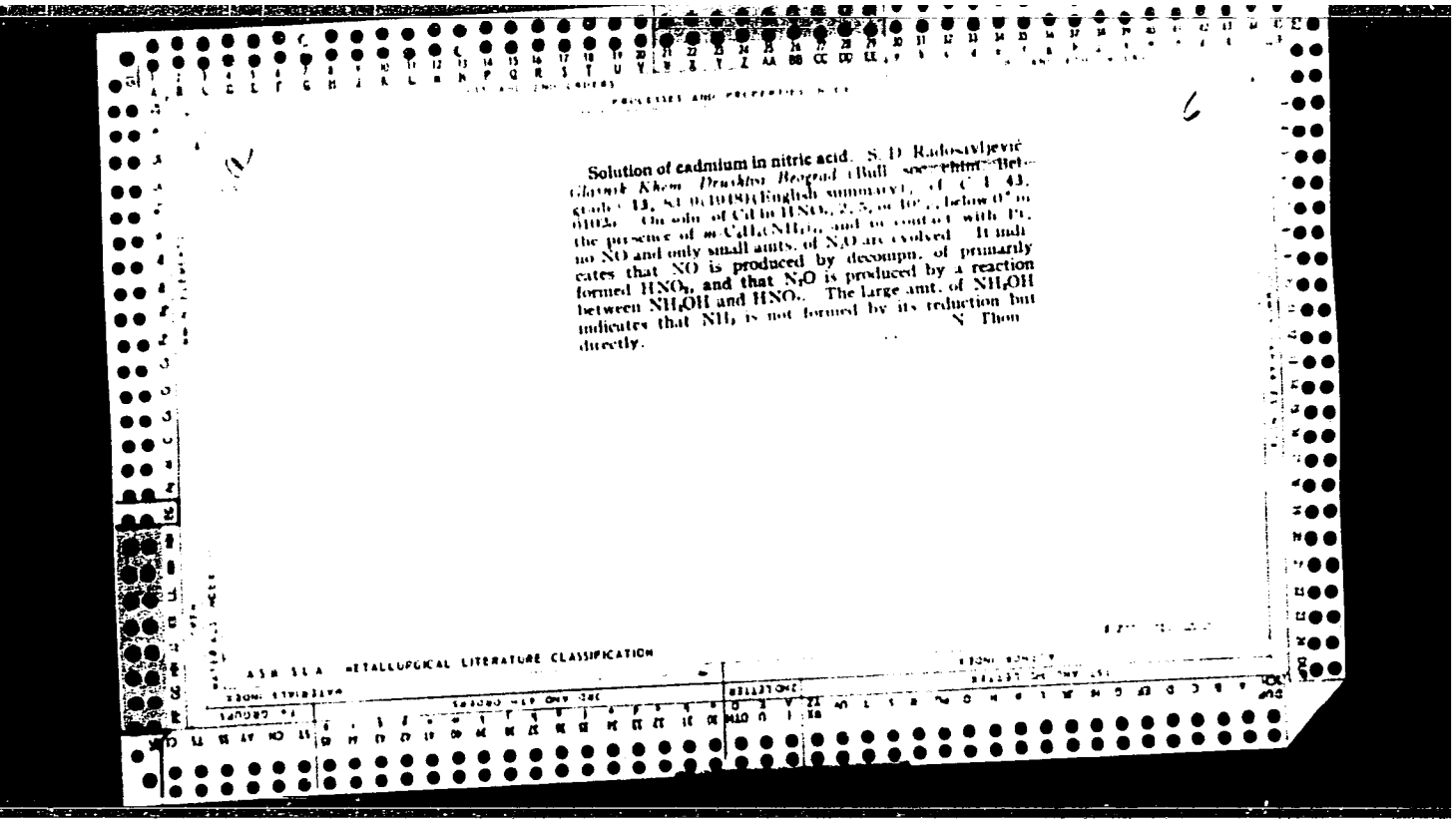
M. L. Nielsen



Action of zinc on nitric acid. A. M. Leko and S. D. Radosavljević. *Glasnik Khem. Drushtot. Beograd (Bull. Soc. Chim. Belgrade)* 12, 32-7 (1917) (English summary). Hydrogen is evolved by Zn dissolving in dil. HNO_3 when in contact with Pt. In the absence of Pt, the H atoms liberated in the process are spent entirely on reduction of HNO_3. Consequently, presence of Pt catalyzes the reaction $2H \rightarrow H_2$. The amt. of H_2 decreases with increasing concn. of HNO_3. At the same time, the amts. of NH_3 and N_2O increase, while the amt. of N_2 decreases, and the amt. of NO remains fairly const. No HNO_2 was formed in 2% and 5% HNO_3 but appreciable amts. were found with 10% HNO_3.

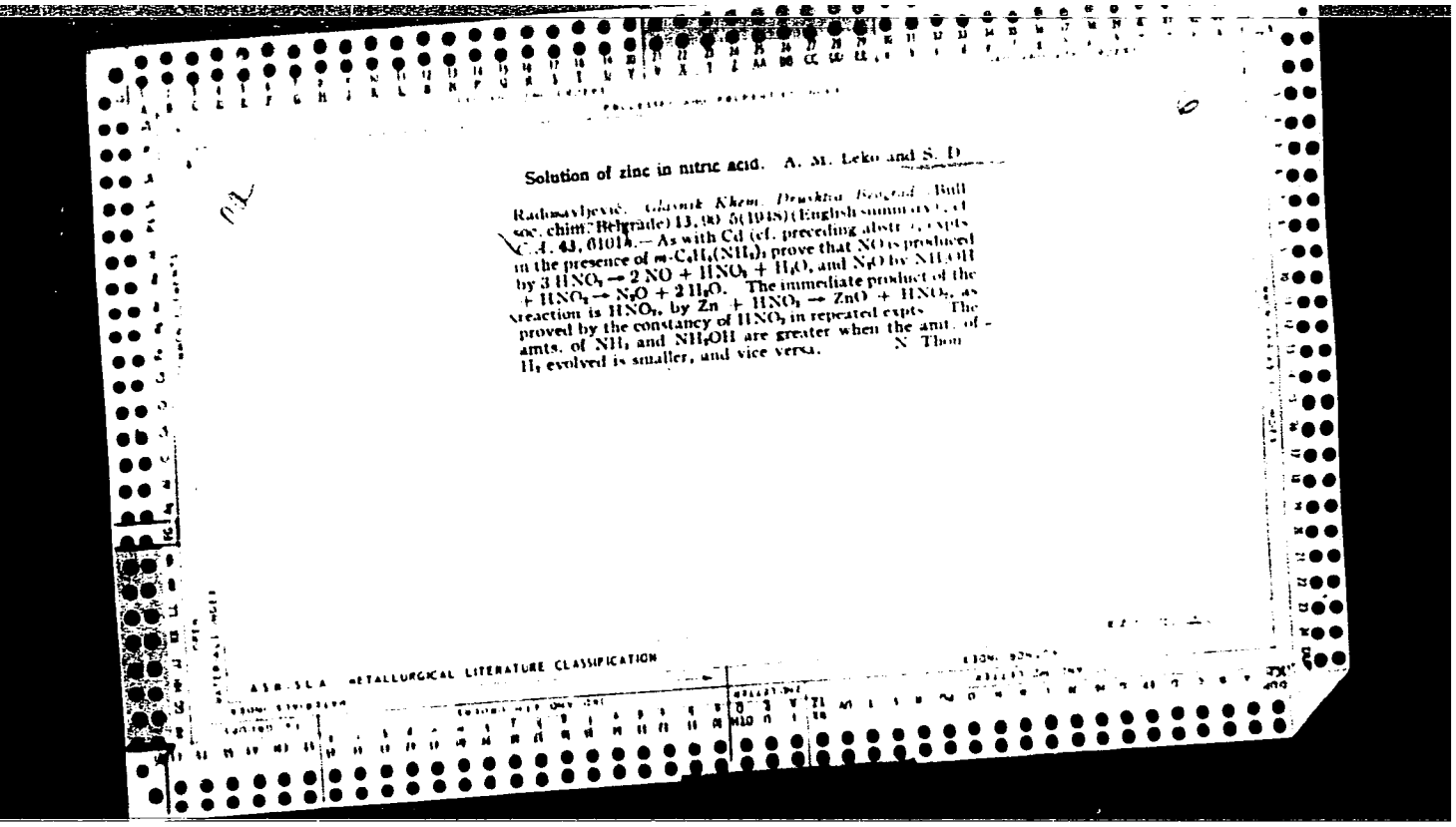


Action of cadmium on nitric acid. S. D. Rabosavljevic. *Glasnik Khem. Druskva, Beograd* (Bull. soc. chim. Belgrade) 12, 122-8(1947)(English summary). In contact with Pt, only very small amts. of H_2 are evolved in the soln. of Cd in 10, 5, and 2% HNO_3. The amts. of NH_3 formed are considerably lower than in the case of Zn (up to 25°, for Cd, up to 50° C for Zn), whereas the amts. of HNO_2, NO and N_2O are larger. The presence of Pt increases the amts. of NH_3 and N_2O and decreases the amts. of HNO_2 and NO. The amt. of NH_3 decreases with falling temp. N. Thon



Solution of cadmium in nitric acid. S. D. Radosavljević
Glasnik Khem. Društva Beograd (Bull. soc. chim. Bel-
grade) 13, 51–6(1948)(English summary).—cf. C. A. 43,
9103e. On soln. of Cd in HNO3, 2–5, or 10–12, below 0° in
the presence of m-$C_6H_4(NH_2)_2$ and in contact with Pt,
no NO and only small amts. of N_2O are evolved. It indi-
cates that NO is produced by decompn. of primarily
formed HNO_2, and that N_2O is produced by a reaction
between NH_2OH and HNO_2. The large amt. of NH_2OH
indicates that NH_3 is not formed by its reduction but
directly. N. Thon

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION



Solution of zinc in nitric acid. A. M. Leko and S. D[illegible]

Radosavljević. *Glasnik Khem. Društva Beograd.* Bull soc. chim. Belgrade) 13, 93–5(1948) (English summary) Cf. C.A. 43, 6101h. — As with Cd (cf. preceding abstr.), expts in the presence of m-$C_6H_4(NH_2)_2$ prove that NO is produced by $3\,HNO_3 \rightarrow 2\,NO + HNO_3 + H_2O$, and N_2O by $NH_4OH + HNO_3 \rightarrow N_2O + 2\,H_2O$. The immediate product of the reaction is HNO_2, by $Zn + HNO_3 \rightarrow ZnO + HNO_2$, as proved by the constancy of HNO_3 in repeated expts. The amts. of NH_3 and NH_4OH are greater when the amt. of H_2 evolved is smaller, and vice versa. N. Thon

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

4

Influence of hydrochloric acid-magnesium chloride and hydrochloric acid calcium chloride mixtures on the balsam secretion of Pinus nigra. S. D. Radosavljević and M. M. Dudić (Univ. Belgrade). *Bull. soc. chim. Belgrade* 13, 219–44(1948)(German summary); cf. Hesselund, C.A. 30, 8167.—In order to prevent rapid evapn. of HCl from a 25% soln. which is sprayed on the incisions to stimulate balsam secretion, mixts. of 25% HCl with $MgCl_2$ (1 kg. MgO per 10 l. concd. HCl) and with $CaCl_2$ (1.19 kg. CaO per 10 l. concd. HCl) were used with good results. With 25% HCl-$CaCl_2$ the balsam secretion was 50% higher than with 25% HCl.

S. Edmund Berger

RADOSAVLJEVIC, S. D.

Analysis of Yugoslav turpentine oil obtained from Pinus nigra. S. D. Radosavljević and A. R. Despić (Univ. Belgrade). *Bull. soc. chim. Belgrade* 16, 35–48(1951) (French summary).—Balsam (from 7 different exptl. fields) obtained by the German tapping method and with and without the use of 25% HCl-$CaCl_2$ (cf. preceding abstr.), was analyzed. The tabulated data comprises: % amts. of turpentine oil, rosin, impurities, H_2O + losses; d_4^{15} or d_4^{20}, n_D^{20}, $[\alpha]_D^{20}$, and fractionation data for the turpentine oils; the results of an exact analysis, by the Darmois-Dupont method, of the best turpentine oil (I) (d_4^{20} 0.8551; n_D^{20} 1.4668; $[\alpha]_D^{20}$ −40.32°; $[\alpha]_{5461}^{20}$ −47.77°; $[\alpha]_{Hg}/[\alpha]_D$ 1.185; wt. % compn.: *l*-α-pinene 94.7, *l*-β-pinene 2.0, *l*- and *dl*-limonene 1.55, *dl*-fenchene 0.92). The balsams contained normal amts. of turpentine oil and of rosin. The compn. of the balsam and the quality of the turpentine oil were not affected by the use of 25% HCl-$CaCl_2$, except in two cases when crystn. of rosin occurred. A modification of Biot's rule was used to calc. the compn. of fractions contg. more than two terpenes. S. E. G.

RADOSAVLJEVIC, S.

Radosavljevic, S.; Dragojevic, M.

"Analytical Determination of Nitrogen Dioxide In A Gas Mixture." p. 301 (GLASNIK, Vol. 18, No. 5, 1953, Beograd.)

Dragojevic, M.

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress, March 1954, Uncl.

RADOSAVLJEVIC, S. ; DRAGOJEVIC, M.

RADOSAVLJEVIC, S. ; DRAGOJEVIC, M. Condensation products of dihydroxybenzenes with alkychlorosilanes. p. 199.

Vol. 20, no. 2, 1955
GLASNIK
Beograd, Yugoslavia

So: Eastern European Accession Vol. 5 No. 4 April 1956

--SLOBODAN D. RADOSAVLJETIC

YUGOSLAVIA/Analysis of Organic Substances. G-3

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 19692

Author : Slobodan D. Radosavljefic, Mihail S. Jacovic, Milosav D. Dragojevic.

Inst : Chemical Society (Yugoslav).

Title : Quantitative Photocolorimetric Determination of Pyrocatechin.

Orig Pub : Glasnik Hem. Drustva, 1955, 20, No 3, 203-205.

Abstract : A simple method of the photcolorimetric determination of pyrocatechin is described. It is based on its color reaction with $FeCl_3$ in a solution of NaCH. It is shown that the method is applicable to the determination of the pyrocatechin group in compounds produced by the condensation of methylchlorosilane with pyrocatechin.

Card 1/1 - 15 -

RADOSAVLJEVIC, S: JACOVIC, M: DRAGOJEVIC, M.

Condensation products of dihydroxybenzene with alkylchlorosilanes. II

P. 273, Vol. 2C, No. 4, 1955

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956

RADOSAVLJEVIC, S.; JACOVIC, M.; DRAGOJEVIC, M.

Condensation of alkylchlorosilane with dihydroxybenzene. III. p. 47; Hemisko drustvo Beograd. GLASNIK. Beograd; Vol. 21, no. 1, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 5, No. 12, December 1956.

RADOSAVLJEVIC, S.; DRAKOJAVIC, M.; JACOVIC, M.

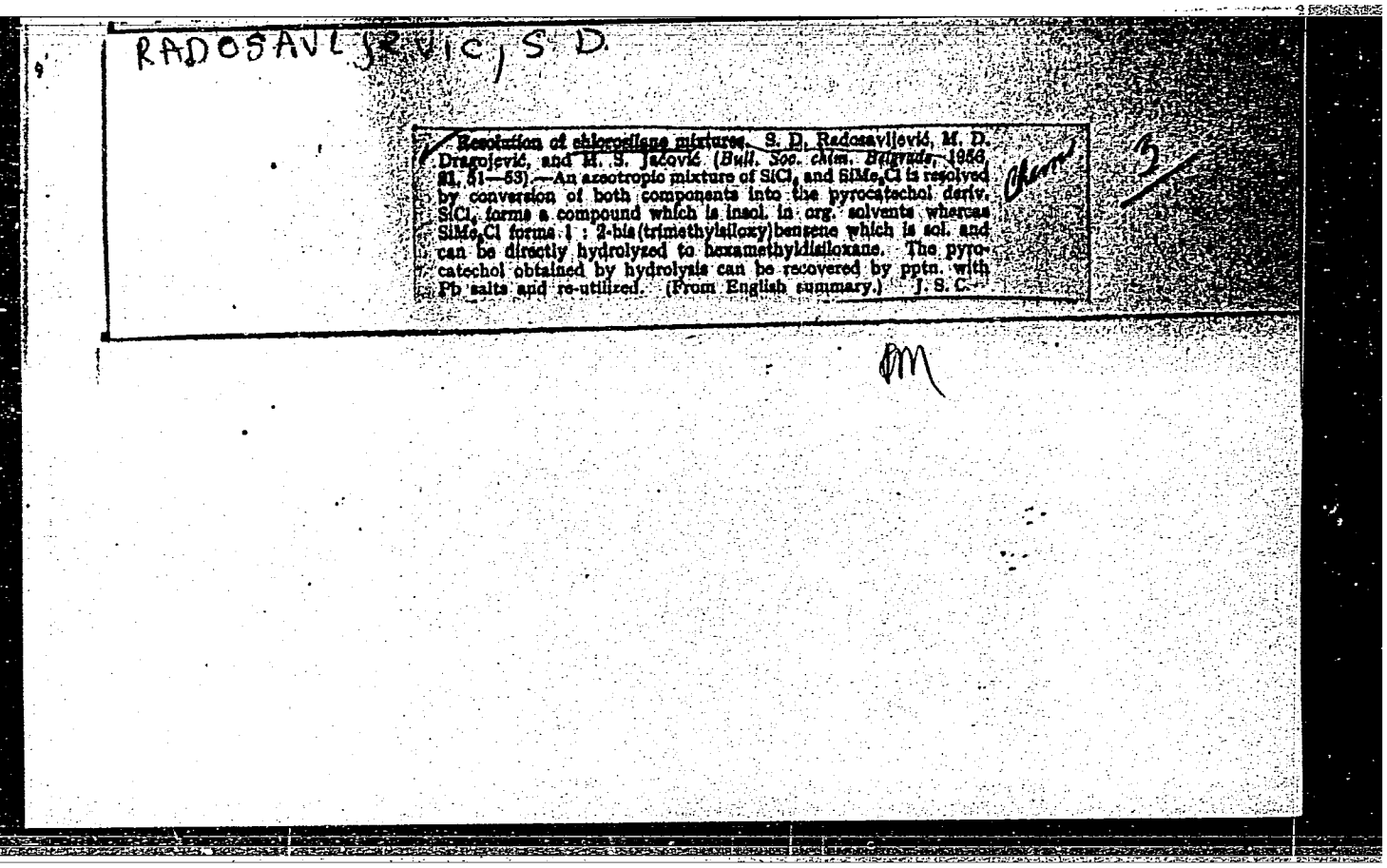
Resolution of azeotropes mixture silicon-tetrachloride-trimethylchlorosilane. p. 51; Hemisko drustvo Beograd. GLASNIK. Beograd; Vol. 21, no. 1, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 5, No. 12, December 1956.

RADOSAVLJEVIC, S.D.

Condensation products of some dihydroxybenzenes with alkylchlorosilanes. III. S. D. Radosavljević, M. S. Jacović and M. D. Dragojević (*Bull. Soc. chim. Belgrade*, 1956, 21, 47—50).—By heating suspensions of Na or Na_2 salts of resorcinol in trimethylchlorosilane or triethylchlorosilane, the following condensation products were obtained and some of their physical constants determined: 1 : 3-bis(trimethylsiloxy)benzene, 1 : 3-bis(triethylsiloxy)benzene, 1-trimethylsiloxy-3-hydroxybenzene, and 1-triethylsiloxy-3-hydroxybenzene. (From English summary.) J. S. C.

3



RADOSAVLJEVIC, S. D.

Resolution of chlorosilane mixtures. S. D. Radosavljević, M. D. Dragojević, and M. S. Jačović (*Bull. Soc. chim. Beograd*, 1956, 23, 51—53).—An azeotropic mixture of $SiCl_4$ and $SiMe_3Cl$ is resolved by conversion of both components into the pyrocatechol deriv. $SiCl_4$ forms a compound which is insol. in org. solvents whereas $SiMe_3Cl$ forms 1 : 2-bis(trimethylsiloxy)benzene which is sol. and can be directly hydrolyzed to hexamethyldisiloxane. The pyrocatechol obtained by hydrolysis can be recovered by pptn. with Pb salts and re-utilized. (From English summary.) J. S. C.

RADOSAVLJEVIC, S.D.

YUGOSLAVIA/Chemical Technology. Chemical Products and Their Application. Part 2. - Production of Catalysts and Sorbents.

Abs Jour: Ref. Zhurnal Khimiya, No 21, 1958, 71413.

Author : Slobodan D. Radosavljevic, Milosav D. Dragojevic, Mihajla S. Jacovic.

Inst : Chemical Society, Yugoslavia.

Title : Method of Preparation of Contact Substance Suitable for Organohalogensilane Production.

Orig Pub: Glasnik Hem. društva, 1956, 21, No 2, 101-104.

Abstract: The contact substance is not prepared as usual by mixing ferrosilicium powder with CuCl, but by the reduction of Cu^{2+} salts to Cu^{+} salts in aqueous solution and in the presence of Si powder. At that occasion, many centers of CuCl crystallization form

Card : 1/2

20

RADOSAVLJEVIC, S.D.; DRAGOJEVIC,M.D.; CUKOVIC,O.Lj. (Miss)

Combined water-repellent agents baset on silicones. Pt.1.
Glas Hem dr 27 no.7/8:447-455 '62

1. Faculty of Technology, Institute of Inorganic Chemistry, Belgrade.

Z. RATOSAVLJEVIC,

"The Rectangular Plate With Two adjacent Free Sides.. p. 19," (BULLETIN, Vol. 9, No. 1, 1962, Beograd, Yugoslavia.)

SO: Monthly Lists of East European Accessions, L.C., Vol. 2, Nov. 19[illegible] No. 11, Uncl.

Z. RAKOVIĆ

"The Rectangular Plate With Two Adjacent Free Sides. -. 129"
(ZBORNIK RADOVA, Vol. 24, No. 4, 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

RADOSAVLJEVIC, Zivorad, inz.; CAKAREVIC, Mladen, inz.

Geotechnical studies on the profile of the barrage of the Komarnica Hydroelectric-Power Plant. Saop Inst vodopr Cerni no.14:1-11 '59.

RADOŠEVIĆ, A.

Stability of antibiotics in water-based ointments and their preparations in pharmaceutical practice. I. Water-based ointments with penicillin. I. Coruhlo, M. Kupinić, and A. Radošević (Anal. Lab. Peoples Pharmacy-Inst. Control Drugs, Zagreb). *Acta Pharm. Jugoslav.* 6, 105-13 (1956).—The stability of penicillin (I) in water solns. with the addn. of various buffers and antiseptics has been examd. The activity of I has been preserved for the longest period of time in solns.: Na citrate-Nipagin, Na citrate-chloro-cresol. The antibiotic retained 81% of its previous activity at room temp. during 40 days. The stability of I emulsions of the oil-in-water type has been tested. The water base in both emulsions was a soln. of I in the sterile soln. of Na citrate-Nipagin. In emulsions of the oil-in-water type (pH 6.0) after 15 days I activity had decreased by 10%, whereas in those prepd. by means of sterile bases (pH 4.55), under aseptic conditions, after the same time, I activity had decreased by 60%. Emulsions of the water-in-oil type have also been tested. Emulsions of the oil-in-water type prepd. by means of unsterilized components as well as those of the water-in-oil type prepd. under aseptic conditions with previously sterilized components in which I had been incorporated in the Na citrate-Nipagin water soln., retain full activity for 15 days, at room temp.

T. Bican-Flišer

YUGOSLAVIA

CORUBOLO, Ivo; RADOSEVIC, Ana; and KUPINIC, Mirjana, of the Republic Public Health Institute (Republicki Zavod za Zdravstvenu Zastitu) and the Croatian Medicine Testing Institute (Zavod za Ispitivanje Lijekova SRH), both in Zagreb.

"A Contribution to the Problem of Obtaining and Preserving Distilled Water in the Drugstore."

Belgrade, Narodno Zdravlje, Vol 19, No 7-8, 1963, pp 253-258.

Abstract: [Authors' English summary modified] Samples of distilled water from numerous drugstores have proved to be contaminated with micro-organisms to a high degree. The authors urge special precautions during the distillation process and in storage and suggest that each drugstore prepare its own distilled water in glass containers not in excess of 10 liters' capacity to be kept no longer than eight days. The authors liststhree types of distilled water, viz., that prepared as above, freshly boiled, and that used in injections. Two tables, eight references (mixed Western and Yugoslav).
1/1

MOHACEK, I., Dr.; RADOSEVIC, Doc. Dr.

Thyreoiditis acute et subacuta, de Quervain. Med. pregl. 7 no.1: 8-14 1954.

1. Klinika za unutarnje bolesti Medicinskog fakulteta u Zagrebu.
(THYROIDITIS,)

Geophys (2)

Meteorological Abst.
Vol. 4 No. 5
May 1953
Climatology and
Bioclimatology

4.5-205 551.584:551.501.9(09) (497.1)
Radosevic, Milusin Dj., Doprinos beogradske meteoroloske opservatorije mikroklimatologiji. [The contribution of the Belgrade Meteorological Observatory to microclimatology.] Yugoslavia. Hidrometeorolcska Sluzba. Hidrometeoroloski Glasnik, 1(2):65-69, 1948. refs. In Croatian. DWB--
Microclimatological measurements in Belgrade were started in 1949 by Vl. Jaksic and almost continuous records at a single location are available for the last 52 years. Investigations made at the observatory on air and soil temperature, on the vertical distribution of atmospheric temperature near the ground, on the effect of friction and of the presence of dust particles on air temperature and on temperature inversion and secondary maxima are claimed to have contributed toward a general progress in microclimatology. Publications reporting these investigations are referred to and some of them quoted as classics.
Subject Headings: 1. Microclimatology 2. History of microclimatology 3. Observatories 4. Belgrade, Yugoslavia. Belgrade Meteorological Observaotory 5. Yugoslavia.--G.T.

KALOSHEVICH, M.D.

Meteorological Abst.
Vol. 4 No. 3
March 1953
Aqueous Vapor and
Hydrometeors

551.579.1(497.1)

3-233 ✓
Radojević, Milušin Dj., Hidrometeoroloska služba FNRJ. [Hydrometeorological Service of Yugoslavian FNR. (Federal People's Republic).] *Yugoslavia. Hidrometeoroloski Sluzbe, Hidrometeoroloski Glasnik*, 1(2):85–87, 1948. In Serbian. DWB—A brief review of the development in Yugoslavia of the Hydrometeorological Service which, in its present state, has been operating since 1947. Before this date the meteorological service was divided among many institutions and was ineffective. The hydrological service likewise did not have a satisfactory organization. The formation in 1947 of the united Hydrometeorological Service, like the analogous service in the U.S.S.R., facilitated a good development of the synoptic, agricultural, climatological and hydrological services. The progress of climatology and hydrology in the Soviet Union is said to confirm the correctness of this reorganization.
Subject Headings: 1. Hydrometeorological services 2. Yugoslavia.— *N.T.Z.*

Meteolological Abst.
Vol. 4 No. 9
Sept. 1953
Part I
Climatology and Bi-
Climatology

4.9–209 551.582.2(497.1)

Radojević, Muhuśin Dj., Vreme u Beogradu Decembar 1948–Maj 1949. [Weather at Belgrade Dec. 1948–May 1949.] *Yugoslavia. Hidrometeorološka Služba. Hidrometeorološki Glasnik*, Belgrade, 2(1–2):123–124, 1949. table. In Serbian. DWB—A short review of weather conditions with monthly mean data for the air temperature, humidity, pressure, etc. with a comparison with long period observational data. In May 1949 an unusually heavy amount of precipitation (217% above normal) was recorded. *Subject Headings:* 1. Climatic data 2. Belgrade, Yugoslavia.—*N.T.Z.*

EH
4/14/54

Meteorological
Abstracts
Vol. 4 No. 11
Nov. 1953
General Meteorology

4.11-23 551.5:92

Radoševič, Milušin Dj., Milan Nedeljković. [Obituary. Milan Nedeljković.] *Yugoslavia. Hidrometeorološka Služba. Hidrometeorološki Glasnik*, 3:92–94, 1950. In Croatian. DWB—DR. MILAN NEDELJKOVIĆ (1857–1950), university professor and founder of the meteorological observatory at the University of Belgrade, had a decisive part in the development of the Serbian meteorological services. He studied and practiced meteorology and astronomy in France and became professor of meteorology and astronomy at Belgrade in 1886. The observatory founded and conducted by him started meteorological research in 1887 and was soon reinforced by a network of meteorological stations. From 1903 DR. NEDELJKOVIĆ edited a monthly meteorological bulletin which was highly commended throughout the scientific world of that time. Titles of his papers and books are quoted. *Subject Headings:* 1. Nedeljković, Milan 2. Biography 3. Bibliographies 4. Obituaries.—*G.T.*

EH
6-11-54

RADOSEVIC, M.

RADOSEVIC, M. Shining body in the atmosphere over Yugoslavia, October 25, 1954. p. 88.

Vol. 4, no. 3/4, July/Dec. 1955
VESNIK
SCIENCE
Beograd

So: East European Accession, Vol. 6, No. 3, March 1957

RADOSEVIC, M. D.

Radojević, M. D. Svetleće telo u atmosferi nad Jugoslavijom, 25. oktobra 1954. [Luminous object in the atmosphere over Yugoslavia on Oct. 25, 1954.] *Yugoslavia. Hidrometeorološka Služba, Vesnik*, 4(3/4):95–100, July/Dec. 1955. DWB—Reports details of a national survey made in Yugoslavia in connection with a luminous object widely observed over that country on Oct. 25, 1954. It is concluded that the object must have been a bolide some 300 m in diameter, travelling at an altitude between 51 and 92 km. *Subject Headings:* 1. Meteors 2. Yugoslavia.—*G.T.*

EE

RADOSEVIC, M.

RADOSEVIC, M. The article "The Cold Front, January, 17, 1955." p. 109

Vol. 4, No. 3/4, July/Dec. 1955
VESNIK
SCIENCE
Beograd

So: East European Accession, Vol. 6, No. 3, March 1957

RADOSEVIC, Milutin, Meteorolos[illegible]vestnik

Precipitation riches of Yugoslavia. Elektroprivreda 15 no.2/3:72-76 F-Mr '62.

RADOSEVIC, Nenad, ing.

Introduction to the 2d edition of the "Almanah hemiske industrije i srocnih industriskih grana." Alm hem ind 5-6 '59.

1. Potpretsednik Saveza henicara tehnologa Jugoslavije i Glavni ureknik "Almanaha hemiske industrije i srodnik industriskih grana"

RADOSAVIC, Nenad, inz.

Foreword. Alm hem ind '62.

1. Generalni sekretar Saveza hemicara i tehnologa Jugoslavie, glavni urednik, "Almanah hemijske industrije i srodnih industrijskih grana Jugoslavije".

KURTOVIC, Dervis; KARAVANIC, Josip, inz.; BARCAL, Laslo, inz.; BEHLILOVIC, Fehim, inz.; RAJOSEVIC, Nikola

Discussion on submitted reports and communications. Geod list 17 no. 4/6: 149-156 Ap-Je '63.

[redacted]

The seed industry and trade in Austria and Czechoslovakia.

[illegible] (Poljoprivredni pregled. Vol. 5, no. 4/5, apr./May 1940. Beograd, Yugoslavia)

Monthly Index of East European Accessions (EEI) LC. Vol. 7, no. 2, February 1958

YUGOSLAVIA

HERMAN, K.; RADOSEVIC, R.; and ANTIC, S. [Affiliations not given].

"The Organization of Cooperation in Broiler Production between the Poultry Center in Pozarevac and Private Farmers."

Belgrade, Veterinarski Glasnik, Vol 17, No 9, 1963, pp 771-779.

Abstract: Advance preparations for the cooperative production of broiler chickens in the Pozarevac area involved the supply of one-day chicks to private farmers with appropriate facilities for 70 days in 1962. The farmers were to handle the chicks according to instructions from the poultry center. Mortality among the 5777 chicks sent out was 5.7 percent, and the average weight of the chickens remaining after 70 days was 1.036 kilograms. Problems considered in connection with an expanded program for 1963 included the proper selection of farmers (those known as good tenders of livestock, with facilities for 1000 chicks at a time, and enough workers in the family to perform regular jobs with the chickens), the technological process of production (a combination of the battery system and the floor system is desirable), feed (the center will supply three types of mixtures), the production of one-day chicks (from crossing White Rock hens with White Cornish roosters), and relations between the center and the farmers (regulated in detail by individual contract). The article concludes with calculations of costs and income.

No references.

1/1

RADOSEVIC, S.

Petrographic and mineralogical composition of the coals of Kocevje and Kanjizarica.

p. 165 (Glasnik) Vol. 7, no. 3, 1956, Belgrade, Yugoslovia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

RADOSEVIC, Stanisa

The role of mineral matters in the preservation of plant matters in coals. Glas Prir muz A no.11:121-130 '59.

(Coal)

LAINOVIC, C., dr.; RADOSEVIC, Z. doc. dr.

Trichinosis; case reports. Med. pregl. 7 no.2:99-107 1954.

1. Klinika za unutranje bolesti Medicinskog fakulteta u Zagrebu; predstojnik prof. dr. A.Han.
(TRICHINOSIS, epidemiol.
*Yugosl.)

RADONIC, Milovan; RADOSEVIC, Zdenko; KELER, Mira; HAHN, Arpad

Report on the continuation of the research on nepholithiasis.
Ljetopis JAZU 63:415-420 '56 (publ.'59).

RADOSEVIC, Zdenko, dr.; RADONIC, Milovan, dr.; HORVAT, Zvonimir, dr.

Clinical observations on "endemic nephropathy" in Croatia. Lijec. vjes. 81 no.7-8:445-456 '59.

1. Iz Interne klinike Medicinksog fakulteta u Zagrebu.
(NEPHRITIS epidemiol.)

BETLHEIM, S.; BLAZEVIC, D.; BECK-DVORZAK, M.; BUCAN, N.; CIVIDINI, E.; KATIVIC, N.; RADOSEVIC, Z.

Role of psychological tests during psychotherapy of neurotic patients. Neuropsihijatrija 8 no.4:254-260 '60.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta Sveucilista u Zagrebu - Psihoterapijski odjel (Predstojnik, Prof. dr. R. Lopasic).

(PSYCHOTHERAPY) (PSYCHOLOGICAL TESTS)

RADOSEVIC, Z.

L.E. Phenomenon. Lijec. vjes. 82 no.3:221-222 '60.
(LUPUS ERYTHEMATOSUS)

BETLHEIM, S.; BLAZEVIC, D.; BUCAN, N.; PERSIC, N.; RADOSEVIC, Z.

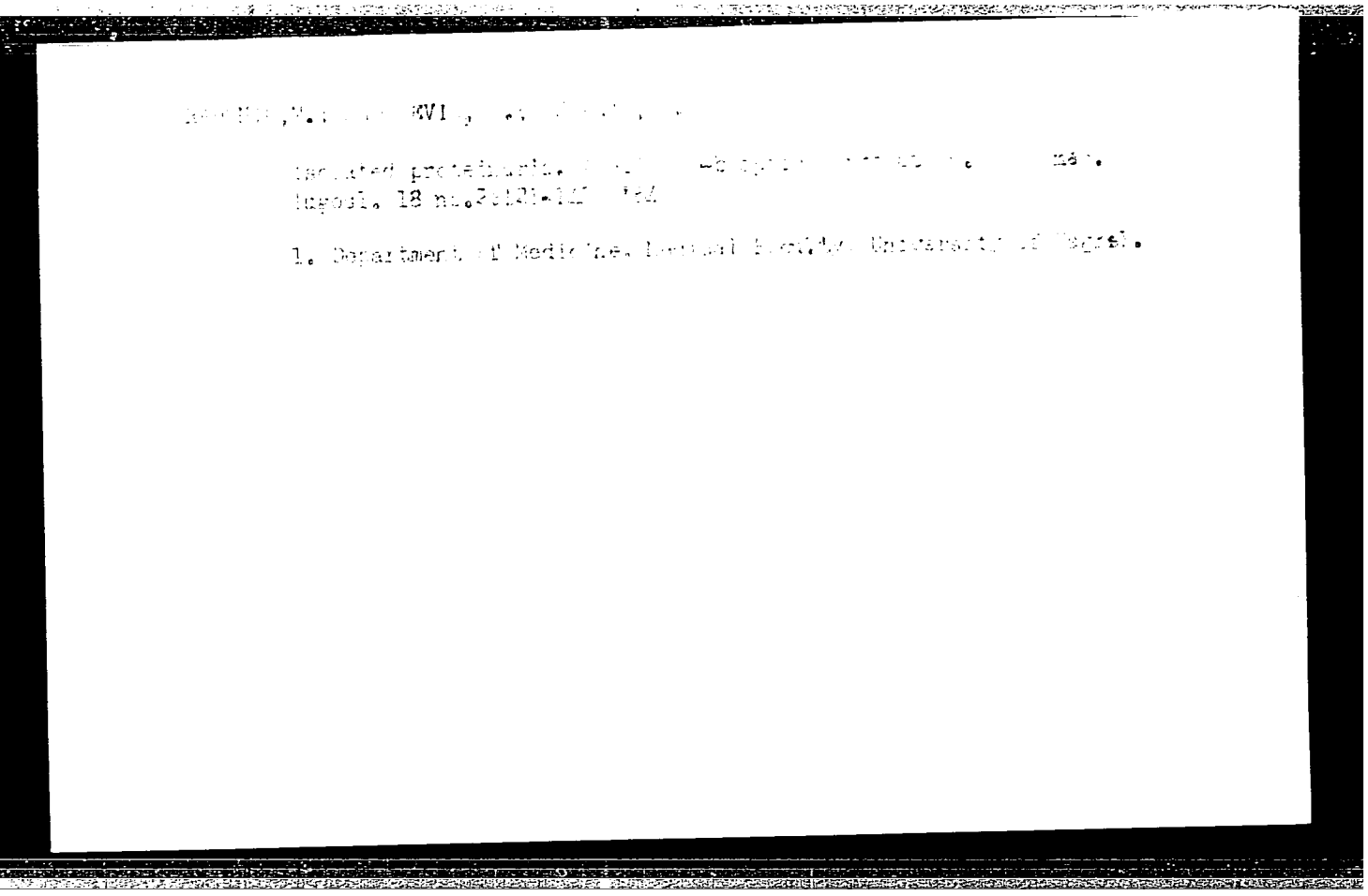
On the attitude toward psychiatric patients. Neuropsihijatrija 9 no.4:273-285 '61.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu (Predstojnik: Prof. dr R. Lopasic)

(MENTAL DISORDERS)

RADOSEVIC, Z.

Hypertensive crisis as an immediate hazard to patient's life.
Lijecn. vjesn. 84 no.6:583-585 '62.
(HYPERTENSION compl)



RADOSEVIC, Z.

Ivan Hugo Botteri — his life and activities. Lijecn. vjesn. 86 no.2:219-222 F'64

S

LATKOVIC, Ivan, dr.; CECUK, Ljubo, dr.; SIMONOVIC, Ivan, dr.; RADOSEVIC, Zdenko, dr.

Scintigraphy of the kidney. Lijecn. vjesn. 87 no.8:879-886 Ag '65.

1. Iz Interne klinike i Kirurske klinike Medicinskog fakulteta Sveucilista u Zagrebu.

PERSIC, Nikola, dr.; BETLHEIM, Stjepan, dr.; BLAŽEVIĆ, Duska, dr.; BOCK-DVORZAK, Maja, dr.; BUCAN, Neda, dr.; CIVIDINI, Eugenija, dr.; RADOSEVIC, Zlata, prof.

Attitude of the milieu toward the mentally ill. Lijecn. vjesn. 87 no.4:385-395 Ap '65.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u Zagrebu.

L 44[illegible]-65 [illegible]

ACC NR: AP6025649 (A) SOURCE CODE: UR/0413/66/000/013/0100/0100

77
8

INVENTOR: Nedbaylov, A. M.; Zashchuk, I. V.; Podgornyy, G. V.; Radoshevich, S. P.

ORG: none

9M

26

TITLE: Digital automatic velocity meter for shock and sonic waves in various media. Class 42, No. 183462 [announced by the All-Union Scientific Research Institute of Roads and Highways (Vsesoyuznyy dorozhnyy nauchno-issledovatel'skiy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 100

TOPIC TAGS: velocity measuring instrument, shock wave velocity, ultrasonic velocity

ABSTRACT: This Author Certificate introduces a digital automatic meter for measuring the velocity of shock and sonic waves in various media, such as concrete (see Fig. 1). It consists of a high-frequency generator, a two-channel input device consisting of two piezo-transducers and two identical amplifiers, a delay line, a counter, and an indicator. To increase measurement accuracy and facilitate the taking of readings, to the output of the input devices' amplifiers, which

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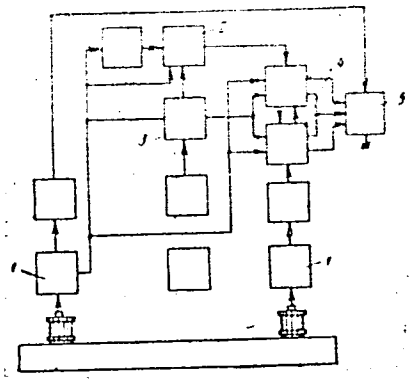

Fig. 1. Digital automatic velocity meter

1 - Input device; 2 - compensation unit; 3 - generator; 4 - two-channel unit; 5 - transducer device.

generate signals with identical amplitudes and forward edges, is connected a unit for compensating the shock-wave-passage difference between the two piezoelectric transducers with digital count, an impulse-excited digital-impulse generator, a two-channel unit with a counting-trend indicator, and a two-way conversion device with a numerical display. Orig. art. has: 1 figure. [SA]

SUB CODE: 09, 20/ SUBM DATE: 27Jul64

Card 2/2

RADOSHINSKIY, B. I., Engr PA 26/49T24

USSR/Engineering Aug 48
Mining Equipment
Machine Grinding

"Manufacturing Beaters for Mine Grinders From Hatfield Steel," B. I. Radoshinskiy, Engr, $\frac{1}{4}$ p

"Elek Stants" Vol XIX, No 8

Best raw material for grinders is Hatfield steel(manganese steel containing 12-15% manganese) because it is extremely hard. Describes method employed at Siberian Mach-Bldg Factory which results in a finished product without finish grinding and polishing.

FDB 26/49T24

RADOSHINSKIY, B. I.

Furnaces

Air blast in peat and wood-burning chamber furnaces. Za ekon. op., 9, No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, March 1952. Unclassified.

MADISHEVSKIY, Eng. B. I.

Furnaces

Defects in the operation of chain grates. Elek. sta. 23 no. 7, 1952

Monthly List of Russian Accessions, Library of Congress, November 1952 UNCLASSIFIED.

[redacted], J. - [redacted] p.133

SO: Monthly List of East European Accessions List (EEAL) LC, Vol. -, No. 11 November 19[redacted], Uncl.

YUGOSLAVIA/Industrial Organic Synthesis. H.

Abs Jour : Ref Zhur - Khimiya, No19, 1958, 65268

Author : Radoslavlevich Slobodan D, Dragoyevich Milosav D, Yachovich Mikhailo S.

Inst : -

Title : Division of Azeotrope Mixture Trimethylchlorosilane-Silicon tetrachloride.

Orig Pub : Glasnik Khem. Drushtva, 1956, 21, No 1, 51-53

Abstract : An azeotropic mixture (AC) $SiCl_4$ - $(CH_3)_3SiCl$ is split by means of derivatives of pyrocatechin (I), which are obtained by the action of plumbate of I on AC, with which is formed o-$[(CH_3)_3SiO]_2C_6H_4$ (II) dissolved in organic solutions (OS), and derivatives of I and $SiCl_4$ which is insoluble in OS. By hydrolysis of II, $(CH_3)_3SiOSi(CH_3)_3$ and I are formed, with which the latter is converted anew into plumbate of I by the

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YUGOSLAVIA/Industrial Organic Synthesis. H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65268

action of lead salts. $(CH_3)_3SiOSi(CH_3)_3$ is used in the production of polysiloxane.

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D205/302

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AUTHORS: Radoslavljević, S. and Dragojević, M.

TITLE: New possibilities of preparing a catalyst for the direct synthesis of methyl chlorosilanes

SOURCE: Khimiya i prakticheskoye primeneniye kremneorganichskikh soyedeniy; trudy konferentsii, no. 6, Doklady, diskussii, resheniye. II Vses. konfer. po khimii i prakt. kremneorg. soyed., Len., 1958. Leningrad. Izd-vo AN SSSR, 1961, 37-42

TEXT: The suitability of Cu chloride, formate, acetate and oxalate for preparing the catalyst was investigated. The experiments were performed in a horizontal tube 30 mm in diameter and 500 mm long, at 300 - 305°C and methyl chloride velocity of 7 - 10 g/hour. The amount of the catalyst was 200 g at a 10% Cu content in the form of a salt. The rest was ferrosilicon (96%) of grain size <0.3 mm. In the experiments with CuCl it was found that the faster $SiCl_4$ is

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New possibilities of ...

formed in the mass the better are the results of the synthesis. To achieve this, the CuCl is precipitated on one-fourth of the total ferrosilicon which is very finely ground and the rest of the ferrosilicon, in its usual size, is then mixed in. If the reaction develops normally the yield remains constant for 60 hours, being 1 g of methyl chlorosilanes per 1.1 - 1.15 g of methyl chloride. Very good results are obtained by preliminary wetting of the catalyst with an anhydrous solution of $CoCl_2$ in alcohol, with subsequent evaporation of the solvent. The results with CuCl are not easily reproducible. Catalysts prepared by decomposing Cu formate at 400°C gave lesser yields than those obtained with CuCl but the results were reproducible. B. Badzanov participated in this work. There are 2 figures and 11 references: 4 Soviet-bloc and 7 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: Brit. Pat. 782333 (1957); P. Trambaze and B. Imelik, J. Chem. Phys., 51, 513, (1954); E. Rochow, US Pat. 2,447,873 (1948); B. Corsin and V. Ipatieff, J. Phys. Chem., 45, 433,(1941).

ASSOCIATION: Universitet, Belgrad (Belgrade University)

Card 2/2

RADOSLAVLJEVIC, Stanislav, ing.

New gigantic hydroelectric power plant at Niagara Falls.
Elektroprivreda 14 no.10:558-559 O '61.

PANTEV, I.; RADOSLAVOV, L.

Infectious mononucleosis in Korea. Suvrem. med., Sofia 9 no.6:36-40 1958.

1. Iz Katedrata po propedevtika na vutreshnite bolesti pri VMI I. P. Pavlov Plovdiv (zav. katedrata: dots. A. Mitov). i Instituta za burza meditsinska pomosch N. I. Pirogov - Sofiia (gl. lekar: B. Devetakov). (Po materiali ot Bulgarskata bolnitsa v Koreia). (Gl. lekar: D. Marinov).
(INFECTIOUS MONONUCLEOSIS, epidemiol.
in Korea, 1st cases (Bul))

[illegible], [illegible].

[illegible], [illegible]. Safeguarding of electromotors for working machines with big heavy flywheels. p. 1[illegible].
Development of electric power in the People's Republic of China. p. 23.

Vol. [illegible], No. 3, [illegible]. 1956.
[illegible]
[illegible]
Sofiia, Bulgaria

SO: East European Accession, Vol. 6, No. 3, March 1957

RADOSLAVOV, R., inzh.

News in the electric industries of the German Democratic Republic exhibited at the Leipzig Spring Fair. Mashinostroene 11 no.6:35-37 Je '62.

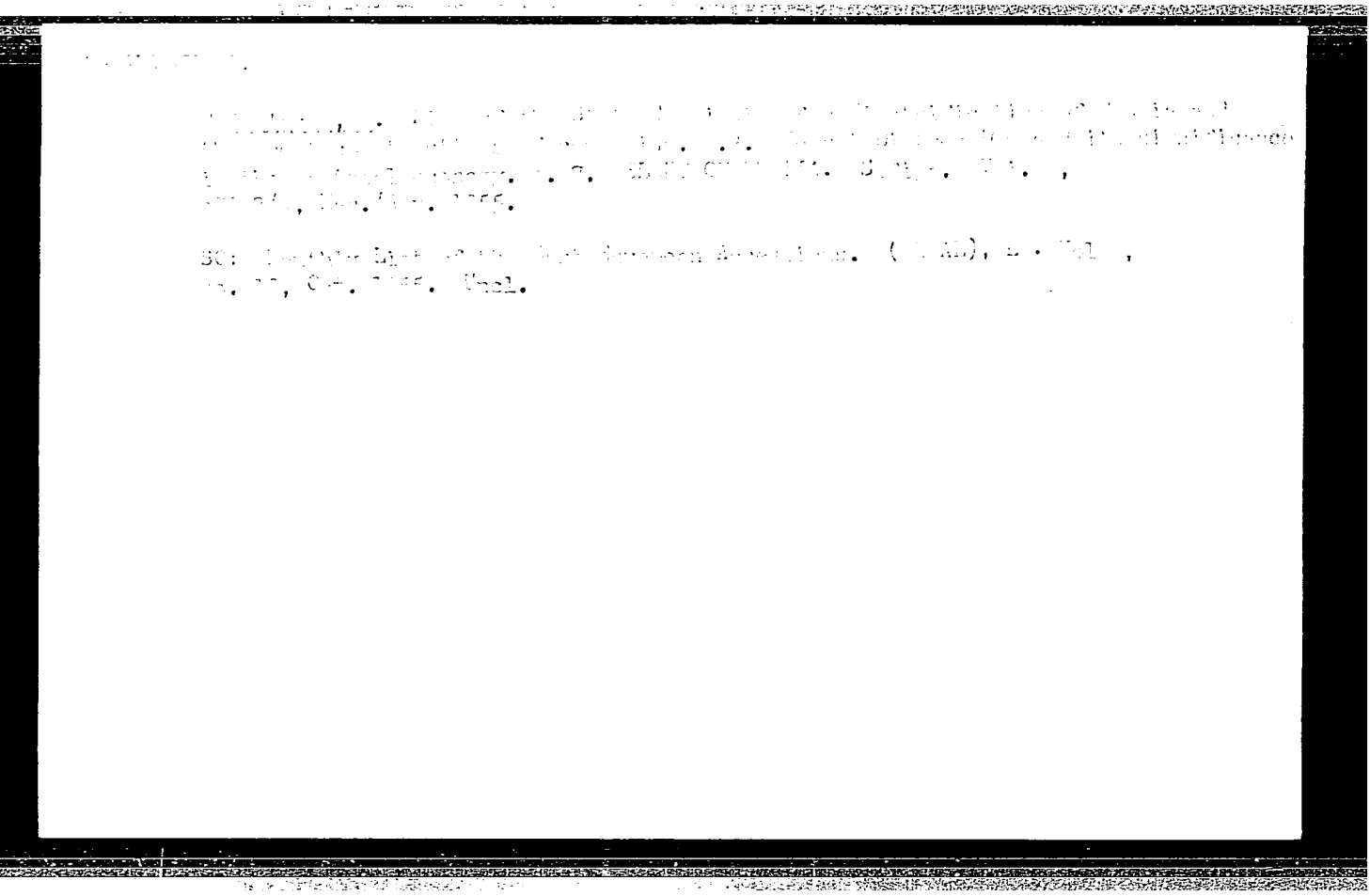
[illegible], T.

Plan of the State Commission for Electrification of Russia and the great constructions of communism. p. 3.

Georgi Dimitrov Dam and its significance in the national economy. p. 7.

ELEKTRO-ENERGIIA, Sofiya, Vol. 6, no. 3/4, Mar./Apr. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.



RADOSLAVOV, Th. (Prof. Dr.-Ing.)

Th. Radoslawoff, "Ueber die Stabilitaetsbedingungen eines Wasserschlosses, das von zwei Druckstollen in Form eines Y gespeist wird," Die Bautechnik (Berlin), 34/9, September 1957, pp. 331-5.

The author is affiliated with the Technical Hochschule, Sofia.

RADOSLAWOFF, Theodor [Radoslavov, Teodor], prof., dr. ing. (Sofia);
KOVACS, Gyorgy [translator]

Determination of the standard water discharge of flood control cutoffs. Hidrologiai kozlony 37 no.1:24-25 '57.

1. "Hidrologiai Kozlony" felelos szerkesztoje (for Kovacs)

RADOSLAVOV, T.

Special cases of conditions for stability of the water level in water towers fed by two water-supply lines by means of a Y-form scheme of pressure derivatives, small fluctuations. p. 107.

IZVESTIIA. Bulgarska akademiia na naukite. Tekhnicheski institut. Sofiia, Bulgaria, Vol. 7/8, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, No. 1, January 1960.

Uncl.

[illegible], . More about new standards. p. 3. Vol. 7, no. 8, Aug. 1956. [illegible]. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, no. 4.--April 195[illegible]

RADOSZ, W.

RADOSZ, W. Concerning the calcul ation and control of costs in the State Grain Enterprises p. 6

Vol 7, no. 12, Dec. 1956
GOSPODARKA ZBOZOWA
AGRICULTURE
Warszawa, Poland

So: East European Accession vol 6, no. 3, March 1957

KARPAROV, Al.; IANCHEVA, V.; RADOSLAVOVA, V.; MIKHAILOV, M.; PASHOV, N.

Electron microscopy of bacteriophage. Suvrem. med., Sofia 8 no.4:67-72 1957.

1. Iz Nauchno-izsledovatelskiia institut po epidemologiia i mikrobiologiia (Direktor Vl. Kalaidzhiev).

(BACTERIOPHAGE,
microscopy, electron (Bul))
(MICROSCOPY, ELECTRON,
of bacteriophage (Bul))

. 28(5) PHASE I BOOK EXPLOITATION POL/3235

Drewnowski, Kazimierz, (Deceased), Marian Kędzierski, Radoslaw Ladziński, Tadeusz Oleszyński, Tadeusz Pietruszyński, Zofia Świeykowska, Andrzej Szulce and Stanislaw Trzetrzewiński.

Pomiary elektryczne (Electric Measurements) Warszawa, PWN, 1959. 622 p. Errata slip inserted. 5,200 copies printed.

Ed.: Stanislaw Trzetrzewiński.

PURPOSE: This is a textbook for students of polytechnical institutes. It may also be used as a manual in electrical laboratories of institutes of higher education, and in scientific research and plant laboratories.

COVERAGE: The work consists of two parts: the first part outlines the theory of electrical measurements, the second deals with methods of measurements and measuring systems. The original manuscript was prepared by Professor K. Drewnowski, who died in 1952. The book was completed on the basis of this material by his former students. Part I of the book was written by Professor Doctor T. Trzetrzewiński. Part II was written as follows: Chapters 1, 6 and

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7 by Zofia Świeykowska, Chapters 2, 3 and 4 by Andrzej Szulce, Chapters 5 and 11 by Tadeusz Pietruszyński, Chapters 8 and 9 by Radoslaw Ladziński, Chapter 10 by Tadeusz Oleszyński and Chapter 12 by Marian Kedzierski. References are given after some chapters.

TABLE OF CONTENTS:

PART I. OUTLINE OF ELECTRICAL MEASURES